

534p 23.5

5874560

1	AGCAGACAGAGGACTCTCATTAAGGAAGG	TGTCCTGTGCCCTGACCCCTACAAGATGCCA	59
		MetPro	2
60	AGAGAAGATGCTCACTTCATCTATGGTTAC	CCCAAGAAGGGGCACGGCCACTCTTTACACC	119
3	ArgGluAspAlaHisPheIleTyrGlyTyr	ProLysLysGlyHisGlyHisSerTyrThr	22
120	ACGGCTGAAGAGGCCCTGGGATCGGCATC	CTGACAGTGATCTCTGGAGTCTTACTGCTC	180
23	ThrAlaGluGluAlaAlaGlyIleGlyIle	LeuThrValIleLeuGlyValLeuLeuLeu	43
181	ATCGGCTGTTGGTATTGTAGAACGCAAAAT	GGATACAGAGCCTTGATGGATAAAAGTCCT	239
44	IleGlyCysTrpTyrCysArgArgAsn	GlyTyrArgAlaLeuMetAspLysSerLeu	62
240	CATGTTGGCACTCAATGTGCCTTTAACAAGA	AGATGCCCCACAGAAGGGTTTGATCATCGG	300
63	HisValGlyThrGlnCysAlaLeuThrArg	ArgCysProGlnGluGlyPheAspHisArg	83
301	GACAGCAAAGTGCTCTCTTCAGAGAGAAAAC	TGTGAACCTGTGGTTCCTCCAATGCTCCACCT	359
84	AspSerLysValSerLeuGlnGluLysAsn	CysGluProValValProAsnAlaProPro	102
360	GCTTATGAGAAACTCTCTGCAGAACAGTCA	CCACCACCTTTATTCACCTTAAGAGCCAGCG	420
103	AlaTyrGluLysLeuSerAlaGluGlnSer	ProProProTyrSerPro	118
421	AGACACCTGAGACATGCTGAAATTATTCT	CTCACACTTTTGCTTGAATTTAATACAGAC	479

FIG. 1A

480 ATCTAATGTTCTCCTTTGGAATGGTGTAGG AAAAATGCAAGCCATCTCTAATAATAAGTC 540
541 AGTGTTAAAATTTTAGTAGTCCGCTAGCA GTACTAATCATGTGAGAAATGATGAGAAA 599
600 TATTAAATTGGAAAACCCATCAATAAAT GTTGCAAATGCATGATACTATCTGTGCCAGA 660
661 GGTAATGTTAGTAAATCCATGGTGTATTT TCTGAGAGACAGAATTCAAGTGGGTATTCT 719
720 GGGGCCATCCAATTTCTCTTTACTTGAAT TTGGCTAATAACAACACTAGTCAGGTTTCG 780
781 AACCTTGACCGACATGAACGTACACAGAA TTGTTCCAGTACTATGGAGTGTCTACAAG 839
840 GATACTTTACAGGTTAAGCAAAAGGGTTG ACTGGCCTATTTATCTGATCAAGAACATGT 900
901 CAGCAATGCTCTTTTGCTCTAAAATTCI ATTATACTACAATAATAATATTGTAAGATC 959
960 CTATAGTCTTTTTTTTTTGAGATGGATTT CGCTTTTGTGGCCAGCTGGAGTGCATG 1020
1021 GCGGATCTTGGCTCACCATTAACCTCCGCC TCCCAGGTTCAAGCAATTCTCCTGCCTTAG 1079
1080 CCTCCTGAGTAGCTGGGATTACAGGGGTG GCCACTATGCCGTGACTAATTTTGTAGTTTT 1140
1141 AGTAGACGGGGTTTCTCCATGTTGGTCA GGTGGTCTCAAACTCCTGACCTCAGGTGA 1199
1200 TGTGCCCGCCTCAGCCTCCCAAAGTCTGG AATTACAGCGGTGAGCCACACGCCCTGGCT 1260
1261 GGATCCTATATCTTAGTAAGACATATAAC GCAGTCTAATTACATTTCACTTCAAGGCTC 1319
1320 AATGCTATTCTAACTAATGACAAGATTTTT CTACTAAACCGAAAATTGGTAGAAGGATTT 1380
1381 AAATAAGTAAAGCTACTATGTACTGCCTT AGTGCTGATGCCCTGTGTACTGCCTTAAATG 1439
1440 TACCTATGGCAATTTAGTCTCTTTGGGTTT CCAATCCCTCTCACAGAATGTGCAGAG 1500
1501 AATCATAAAGGATCAGAGATTCTGAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAA 1559

FIG. 1B

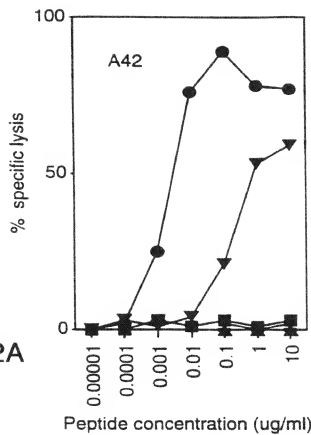


FIG. 2A

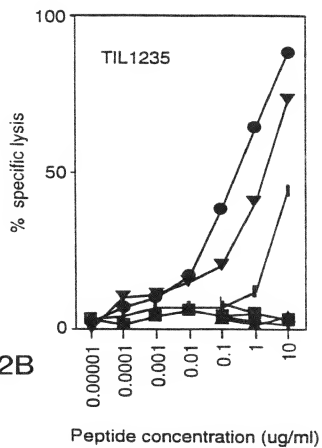


FIG. 2B

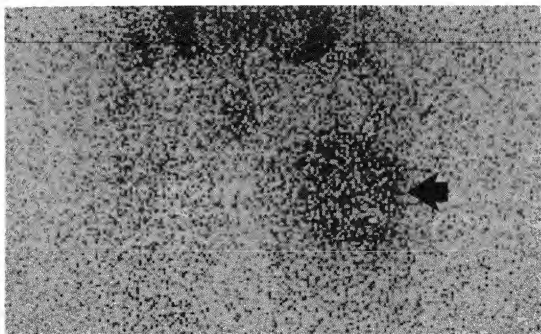


FIG. 3A

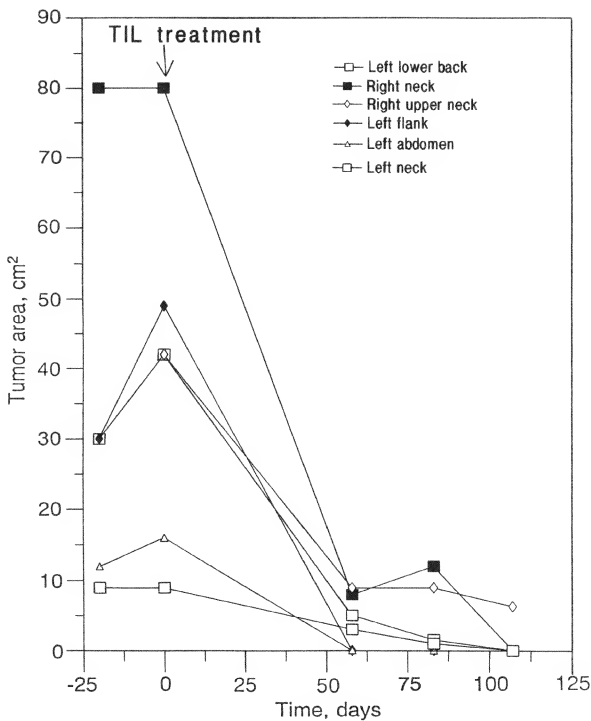


FIG. 3B

GTCGACGGCC	ATTACCAATC	GCGACCGGGA	AGAACACAAT	40
GGATCTGGTG	CTAAAAAGAT	GCCTTCTTCA	TTTGGCTGTG	80
ATAGGTGCTT	TGCTGGCTGT	GGGGGCTACA	AAAGTACCCA	120
GAAACCAGGA	CTGGCTTGGT	GTCTCAAGGC	AACTCAGAAC	160
CAAAGCCTGG	AACAGGCAGC	TGTATCCAGA	GTGGACAGAA	200
GCCCAGAGAC	TTGACTGCTG	GAGAGGTGGT	CAAGTGTCCT	240
TCAAGGTCAG	TAATGATGGG	CCTACACTGA	TTGGTGCAAA	280
TGCCTCCTTC	TCTATTGCCT	TGAACTTCCC	TGGAAGCCAA	320
AAGGTATTGC	CAGATGGGCA	GGTTATCTGG	GTCAACAATA	360
CCATCATCAA	TGGGAGCCAG	GTGTGGGGAG	GACAGCCAGT	400
GTATCCCCAG	GAAACTGACG	ATGCCTGCAT	CTTCCCTGAT	440
GGTGGACCTT	GCCCATCTGG	CTCTTGGTCT	CAGAAGAGAA	480
GCTTTGTTTA	TGTCTGGAAG	ACCTGGGGCC	AATACTGGCA	520
ATTTCTAGGG	GGCCCAGTGT	CTGGGCTGAG	CATTGGGACA	560
GGCAGGGCAA	TGCTGGGCAC	ACACACCATG	GAAGTGACTG	600
TCTACCATCG	CCGGGGATCC	CGGAGCTATG	TGCCTCTTGC	640
TCATTCCAGC	TCAGCCTTCA	CCATTACTGA	CCAGGTGCCT	680
TTCTCCGTGA	GCGTGTPCCA	GTTGCGGGCC	TTGGATGGAG	720
GGAACAAGCA	CTTCCTGAGA	AATCAGCCTC	TGACCTTTGC	760
CCTCCAGCTC	CATGACCCCA	GTGGCTATCT	GGCTGAAGCT	800
GACCTCTCCT	ACACCTGGGA	CTTTGGAGAC	AGTAGTGGAA	840
CCCTGATCTC	TCGGGCACTT	GTGGTCACTC	ATACTTACCT	880
GGAGCCTGGC	CCAGTCACTG	CCCAGGTGGT	CCTGCAGGCT	920
GCCATTCCCTC	TCACCTCCTG	TGGCTCCTCC	CCAGTTCCAG	960
GCACCACAGA	TGGGCACAGG	CCAACTGCAG	AGGCCCCCTAA	1000
CACCACAGCT	GGCCAAGTGC	CTACTACAGA	AGTTGTGGGT	1040
ACTACACCTG	GTCAGGCGCC	AACTGCAGAG	CCCTCTGGAA	1080
CCACATCTGT	GCAGGTGCCA	ACCACTGAAG	TCATAAGCAC	1120

FIG. 4A

TGCACCTGTG	CAGATGCCAA	CTGCAGAGAG	CACAGGTATG	1160
ACACCTGAGA	AGGTGCCAGT	TTCAGAGGTC	ATGGGTACCA	1200
CACTGGCAGA	GATGTCAACT	CCAGAGGCTA	CAGGTATGAC	1240
ACCTGCAGAG	GTATCAATTG	TGGTGCTTTC	TGGAACCACA	1280
GCTGCACAGG	TAACAACCTAC	AGAGTGGGTG	GAGACCACAG	1320
CTAGAGAGCT	ACCTATCCCT	GAGCCTGAAG	GTCCAGATGC	1360
CAGCTCAATC	ATGTCTACGG	AAAGTATTAC	AGGTTCCTG	1400
GGCCCCCTGC	TGGATGGTAC	AGCCACCTTA	AGGCTGGTGA	1440
AGAGACAAGT	CCCCCTGGAT	TGTGTTCTGT	ATCGATATGG	1480
TTCCTTTTCC	GTCACCCTGG	ACATGTGTCCA	GGGTATTGAA	1520
AGTGCCGAGA	TCCTGCAGGC	TGTGCCGTCC	GGTGAGGGGG	1560
ATGCATTTGA	GCTGACTGTG	TCCTGCCAAG	GCGGGCTGCC	1600
CAAGGAAGCC	TGCATGGAGA	TCTCATCGCC	AGGGTGCCAG	1640
CCCCCTGCCC	AGCGGCTGTG	CCAGCCTGTG	CTACCCAGCC	1680
CAGCCTGCCA	GCTGTTCTTG	CACCAGATAC	TGAAGGGTGG	1720
CTCGGGGACA	TACTGCCTCA	ATGTGTCTCT	GGCTGATACC	1760
AACAGCCTGG	CAGTGGTCAG	CACCCAGCTT	ATCATGCCTG	1800
GTCAAGAAGC	AGGCCTTGGG	CAGGTTCGCG	TGATCGTGGG	1840
CATCTTGCTG	GTGTTGATGG	CTGTGGTCCT	TGCATCTCTG	1880
ATATATAGGC	GCAGACTTAT	GAAGCAAGAC	TTCTCCGTAC	1920
CCCAGTTGCC	ACATAGCAGC	AGTCACTGGC	TGCGTCTACC	1960
CCGCATCTTC	TGCTCTTGTC	CCATTGGTGA	GAACAGCCCC	2000
CTCCTCAGTG	GGCAGCAGGT	CTGAGTACTC	TCATATGATG	2040
CTGTGATTTT	CCTGGAGTTG	ACAGAAACAC	CTATATTTCC	2080
CCCAGTCTTC	CCTGGGAGAC	TACTATTAAC	TGAAATAAAT	2120
ACTCAGAGCC	TGAAAAAAAA	TAAAAAAAAA	AAAAAAAAAA	2160
AAAAAAAAAA	AA			2172

FIG. 4B

```

1 MDLVLRCLL HLA VIGALLA VGATKVERNQ DWLGVSRLR TKAWNRLQYP
51 EWTEAQRLLC WRGGQVSLKV SNDGPTLIGA NASFSIALNF PGSQKVLPDG
101 QVIWVNNTII NGSQVWGGQP VYPQETDDAC IFPDGGPCPS GSWSQKRSFV
151 YVWKTWGQYW QFLGGPVSGL SIGTGRAMLG THTMEVTVYH RRGSRSYVPL
201 AHSSSAFTIT DQVPFSVSVS QLRALDGGNK HFLRNQPLTF ALQLHDPGSGY
251 LAEADLSYTW DFGDSSGTLI SRALVVTHTY LEPGPVTAQV VLQAAIPLTS
301 CGSSPVP GTT DGHRTAEAP NTTAGQVPTT EVVGTTPGOA PTAEPSGTTS
351 VQVPTTEVIS TAPVQMPTAE STGMTPEKVP VSEVMGTTLA EMSTPEATGM
401 TPAEVSIVVL SGT TAAQVTT TEWVETTARE LPIPEPEGPD ASSIMSTESI
451 TGSLG PLLDG TATLRLVKRQ VPLDCVLYRY GSFSVTLDIV QGIESAEILQ
501 AVPSGEGDAF ELTVSCQGL PKEACMEISS PGCQPPAQR L CQPVLPSPAC
551 QLVLHQILKG GSGTYCLNVS LADTNSLAVV STQLIMPQOE AGLGQVPLIV
601 GILLVLMVV LASLIYRRL MKQDFSVPQL PHSSSHWLRL PRIFCSCPIG
651 ENSPLLSGQQ V

```

FIG. 5A

```

Pme117 M-----V-----Q-----P-----VPGILLT-----LLSGQQV
ME20 M-----V-----Q-----L-----
gp100 M-----V-----Q-----L-----
cDNA25FL M-----F-----Q-----L-----
cDNA25TR Q-----L-----PPQWAAGLSTLI
1 162 236 274 588 649

```

FIG. 5B

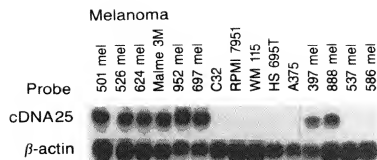


FIG. 6A

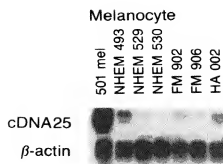


FIG. 6B

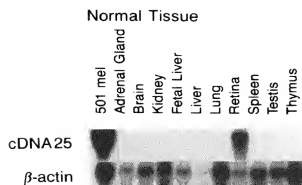


FIG. 6C